



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/521,062 | 01/12/2005 | Wolfgang Fuchs | 3167 | 6468 |
| 7590 Striker Striker & Stenby 103 East Neck Road Huntington, NY 11743 | | | | |
| EXAMINER | | | | |
| GRANT, ALVIN J | | | | |
| ART UNIT | | PAPER NUMBER | | |
| 3723 | | | | |
| MAIL DATE | | DELIVERY MODE | | |
| 04/30/2008 | | PAPER | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/521,062

Applicant(s)

FUCHS ET AL.

Examiner

ALVIN J. GRANT

Art Unit

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SI/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 1-5 and 7** are rejected under 35 U.S.C. 103(a) as being unpatentable over Zeiler et al. 6,301,790 in view of Omi 5,074,179.

Zeiler et al. discloses a circular saw having the claimed elements that include a housing, a motor a saw blade; and the depth of the of a cut may be adjusted by manipulating the footplate that swivels relative to the saw assembly. Zeller does not specifically disclose decoupling the assembly from handling forces that act on the saw blade. Omi discloses a damping apparatus that separates the forces that act on the saw blade from the saw assembly so as to ensure steady operation of the tool and improve the quality of cut. It would have been obvious to one having ordinary skill in the art at the time the invention was made to have made the saw of Zeller et al. to have a damping apparatus as taught by Omi so as to stabilize the operation of the tool and improve the quality of cut.

3. **Claims 6 and 8-10** are rejected under 35 U.S.C. 103(a) as being unpatentable over Zeller in view of Omi and in further view of Smith 7,255,144.

Zeller as modified is described above. The modified Zeller does not disclose a ball and detent to isolate the vibration forces. Smith discloses an apparatus that implements a ball and detent configuration to isolate vibration forces in order to maximize the

efficiency of the cutting operation. It would have been obvious to one having ordinary skill in the art at the time the invention was made to have made the apparatus of the modified Zeller to implement a ball and detent configuration to isolate vibration forces in order to maximize the efficiency of the cutting operation.

Response to Arguments

4. Applicant's arguments filed 3/4/08 have been fully considered but they are not persuasive.

5. In response to applicant's arguments that the force-dependent coupling of US Patent 6,301,790 (to Zeller) as modified by US Patent 5,074,179 (to Omi), does not completely decouple the vibration forces, the purpose of the damper is to fully decouple the vibration forces.

In response to applicant's arguments that the vibration isolation unit is configured differently from that of Zeller as modified by Omi, the configuration of the unit is a matter of engineering expedient. It would have been an obvious matter of design choice to make the different portions of the unit of whatever form or shape was desired or expedient. A change in form or shape is generally recognized as being within the level of ordinary skill in the art, absent any showing of unexpected results. *In re Dailey et al.*, 149 USPQ 47.

6. **Regarding claims 6 and 8-10**, newly discovered art has was found to read thereon.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ALVIN J. GRANT whose telephone number is (571)272-4484. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail can be reached on (571) 272-4485. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Alvin J Grant/
Examiner, Art Unit 3723